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CLAIMS

l	1. A confined space monitoring system comprising:		
2	a mammalian body detector sensing a confined space;		
3	a thermocouple measuring a temperature within the confined spa		
1	relative to a thermal threshold; and		
5	an alarm subsystem communicating to a remote location that		
5	temperature in the space is beyond the thermal threshold and an occupant is		
7	within the space subsequent to a condition precedent.		
1	2. The system of claim 1 wherein the confined space is selected		
2	from the group consisting of: a building structure, a vehicle passenger		
3	compartment, and a vehicle trunk.		
1	3. The system of claim 1 wherein the alarm subsystem is a		
2	wireless transmitter.		
1	4. The system of claim 3 wherein the wireless transmitter is a		
2	cellular communication transmitter.		
1	5. The system of claim 3 wherein said alarm subsystem comprises		
2	an auditory alarm indicating that the temperature in the space exceeds a		
3	thermal threshold and the occupant is within the space.		

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2	temperature within a vehicle confined space being above the threshold for a
3	predetermined amount of time with the occupant therein.
1	7. The system of claim 5 wherein the condition precedent is
2	failure to reset the auditory alarm within a preselected amount of time.
1	8. The system of claim 1 wherein said alarm subsystem has a
2	burglar detection mode that communicates an emergency signal to a remote
3	location upon detecting the occupant within the space and independent of the
4	temperature being beyond the thermal threshold.
1	9. The system of claim 8 further comprising a video camera
2	activated to collect an image as part of the emergency signal.
1	10. The system of claim 1 further comprising a video camera.
1	11. The system of claim 5 wherein said video camera is activated
2	upon the temperature within the confined space exceeding the thermal
3	threshold and the occupant is within the space.
1	12. The system of claim 5 wherein a video image is transmitted
2	remotely by the alarm subsystem.

The system of claim 1 wherein the condition precedent is the

1	13. The system of claim I wherein said mammanan body detector
2	comprises a type of sensor selected from the group consisting of: infrared,
3	vibration, and carbon dioxide.
1	14. The system of claim 3 further comprising a wireless receiver,
2	said receiver comprising:
3	a housing;
4	a wireless antennae for receiving an emergency signal from said alarm
5	subsystem;
6	a display for providing the emergency signal in human recognizable
7	form;
8	a digital memory for storing images;
9	a data transmission portal; and
10	a receiver battery power supply.
1	15. The system of claim 14 wherein the receiver housing has an
2	aperture engaging a key ring.
1	16. The system of claim 14 wherein the housing includes a coding
2	label selected from the group consisting of: a bar code, a one dimensional bar
3	code, and a two dimensional bar code.

1	17. The system of claim 1 further comprising location information
2	communicated to the remote location by said alarm subsystem.
1	18. The system of claim 16 further comprising a global positioning
2	satellite system providing the geographic location information when the
3	confined space is within a vehicle.
1	19. A confined space monitoring system comprising:
2	a mammalian body detector sensing a vehicle compartment;
3	a thermocouple measuring a temperature within the vehicle
4	compartment relative to a thermal threshold;
5	a switch automatically opening a vehicle portal in response to the
6	temperature within the vehicle compartment exceeding the thermal threshold
7	and said detector sensing an occupant within the vehicle compartment; and
8	an alarm subsystem automatically communicating to a remote location
9	that the temperature in the vehicle compartment is beyond the thermal
10	threshold and the occupant is within the vehicle compartment.
1	20. The system of claim 18 wherein the alarm subsystem comprises
2	a wireless transmitter.
1	21. The system of claim 19 further comprising an auditory alarm
2	indicating that said switch has been activated.

1	22.	The system of claim 18 further comprising a video camera.
1	23.	The system of claim 21 wherein said video camera is activated
2	upon the tem	perature within the vehicle compartment exceeding the thermal
3	threshold and	the occupant is within the vehicle compartment.
1	24.	The system of claim 21 wherein a video image is transmitted
2	remotely by th	ne alarm subsystem.
1	25.	The system of claim 18 wherein the vehicle portal is selected
2	from the group	p consisting of a window, sunroof, and trunk.
1	26.	The system of claim 18 further comprising vehicle location
2	information co	ommunicated to the remote location by said alarm subsystem.
1	27.	The system of claim 25 further comprising a global positioning
2	satellite syster	n providing the geographic location information.
1	28.	The system of claim 19 wherein the cellular communication
2	transmitter tra	ansmits a signal suitable for triangulation to locate the vehicle
3	compartment.	

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1	29. A wireless communication receiver comprising:		
2	a housing;		
3	a wireless antennae for receiving an emergency signal from an alarm		
4	subsystem of claim 1;		
5	a display for providing the emergency signal in human recognizable		
6	form;		
7	a digital memory for storing images recallable on said display;		
8	a data transmission portal; and		
9	a receiver battery power supply.		
1	30. The system of claim 29 wherein the receiver housing has an		
2	aperture engaging a key ring.		
1	31. The system of claim 29 wherein the housing includes a coding		
2	label selected from the group consisting of: a bar code, a one dimensional bar		
3	code, and a two dimensional bar code.		
1	32. A process for releasing a trapped occupant from a confined		
2	space comprising the steps of:		
3	disposing a mammalian body detector in the space;		
4	sensing a temperature within the space;		
5	comparing the temperature with a preselected threshold temperature;		
6	and		

7	activating a wireless transmitter alarm subsystem in response to a
8	condition precedent of a failure to reset an auditory alarm or the temperature
9	remaining above the threshold with the occupant present for a preselected
10	amount of time.
1	33. The process of claim 31 further comprising the step of:
2	opening a portal in the space when the occupant is detected within the
3	space and the temperature therein is beyond the threshold for the preselected
4	amount of time.
1	34. The process of claim 33 wherein the wireless transmitter
2	further communicates a location for the space.
1	35. The process of claim 33 wherein said wireless transmitter
2	operates as a location triangulation beacon.
1	36. The process of claim 33 further comprising the step of
2	disposing a video camera in the space and transmitting a video image by way
3	of said wireless transmitter.